

SSHB 2879 (RCW 75.50.165)
Fish Passage Barrier Removal Grant Program
Annual Progress Report

Prepared for

The Washington State Legislature
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Submitted by

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Background

Salmon need access to spawning and rearing habitat. Physical barriers interrupt adult and juvenile salmonid migrations in many parts of the state. Loss of access to habitat reduces the overall salmonid productivity and results in loss of salmonid populations. Man-made barriers include culverts, diversion dams, debris jams, dikes, lake outlet screens and other man-made stream changes.

There are approximately 170,000 miles of public and private roads in the state of Washington. Only a fraction of these roads have been inventoried for fish passage barriers. Over 100 years of road building, development, and hydrologic changes have resulted in an estimated 10,800 barriers statewide that block approximately 13,700 miles of otherwise productive habitat for anadromous salmonids. In resident fish only waters, another 14,200 barriers block thousands of additional miles. This number is extrapolated from surveys of less than 20% of the roadways of the state. It is estimated that 10% of the barriers are on state roads, 40% on county and municipal roads, and the remainder are on non-public roads.

Program Overview

Acting on recommendations from the Fish Passage Task Force Report to the Legislature, 1997 (SSSB 5886), the Legislature passed SSHB 2879 (RCW 75.50.165) during the 1998 session. SSHB 2879 empowered the Washington State Department of Transportation (WSDOT) and the Washington Department of Fish and Wildlife (WDFW) to create the Fish Passage Barrier Removal Grant Program. The intent of this program is to provide funding opportunities to local governments, tribes, conservation districts and non-governmental entities to identify and remove barriers to salmonid migration.

WDFW received \$5.75 million in 1998 from the Supplemental Capital Budget for fish passage correction; \$2.078 million was utilized by WDFW for priority and proprietary projects and \$3.672 million was transferred to WSDOT for administration and funding for the Grant program. WSDOT and WDFW entered into a cooperative agreement for program implementation through a Memorandum of Agreement. The grant program requires a 25% match from the project sponsor. Matches included funds, force accounts, volunteer labor and in-kind services.

Program goals included:

- Promote barrier corrections through the direct involvement of citizens that live and work within watersheds.
- Enlist volunteer labor to stretch state dollars.
- Encourage "In-kind" matches.
- Fix as many high priority (high habitat gain) barriers in the summer of 1998 as possible.
- Identify and prioritize barriers for future correction.
- Develop a comprehensive statewide fish passage barrier database.
- Coordinate barrier corrections with other restoration efforts.
- Expand expertise for barrier design and inventory techniques to local governments, tribes and non-governmental entities.

Under cooperative agreement, WDFW evaluates the technical aspects of project proposals, such as need, feasibility and design and provides technical assistance to project proponents. WSDOT provides all aspects of program administration including call for projects, contract management and oversight, invoice approval and payment, and final project close out.

Four types of projects were funded: 1998 Design and Construction, 1999 Design and Construction, 1999 Design Only and Field Survey and Data Analysis.

The 53 Grant Awards were distributed for:

- 1998 Design & Construction.....26
- 1999 Design & Construction.....09
- 1999 Design Only09
- Field Survey & Data Analysis09

Program Summary-To Date

To date 29 projects have been completed; 10 projects are in progress; 11 projects have requested an extension of the May 30, 2000 contract expiration date; 3 grant awards have been returned.

Two grant awards have been returned by the City of Woodinville because WDFW biologists determined that the culverts were not barriers to fish passage and one grant was returned by Clark County when they discovered that they did not own the culvert that was to be fixed.

Sponsors have requested extensions of the expiration date for eleven projects that have encountered difficulties beyond their control. Clark County has 6 projects that have been delayed by the biological assessment consultation process required by the National Marine Fisheries Service; Chelan, Cowlitz, Walla Walla and Island Counties each have one project with a change in scope requiring more design work; Kitsap County had one project delayed by a storm event that washed out the road.

The sponsors of the 9 grants awarded for field survey and data analysis are completing their inventory work this winter while the underbrush and trees are bare. This work will be completed and the final products delivered to WSDOT/WDFW by May 30, 2000.

Administration Update

WSDOT and WDFW are working with the sponsors to close out all projects (except those requesting extensions) by June 30, 2000. Many project sponsors have not submitted final invoices for projects that are complete. We are encouraging them to submit their final invoices as soon as possible. Sponsors with projects "in progress" are being reminded of the expiration date and encouraged to submit their final invoices by May 30, 2000.

Program Staff

The Washington State Department of Transportation

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<i>Sponsor</i>	<i>Project</i>	<i>Award</i>	<i>Invoiced To Date</i>	<i>Balance</i>	<i>Progress</i>
Adopt A Stream Foundation	Survey-WRIA 7,8	\$38,900	\$33,655	\$5,245	In progress
Chelan County	Chumstick Creek	\$2,400	\$0	\$2,400	***Extension
Chelan County	Squilchuck Creek	\$45,000	\$0	\$45,000	Complete
City of Olympia	Mottman Road SW	\$26,719	\$26,719	\$0	Complete
City of Woodinville	NE 195th Street	\$2,250	\$0	\$2,250	*Grant Returned
City of Woodinville	NE 205th Street	\$1,500	\$0	\$1,500	*Grant Returned
Clallam County	Hoko-Ozette, MP 11.33	\$98,391	\$98,391	\$0	Complete
Clark County	Riley Creek/Finalburg Road	\$13,119	\$0	\$13,119	Complete
Clark County	Cedar Creek/Amboy Road	\$27,198	\$0	\$27,198	***Extension
Clark County	John Creek/Cedar Creek Road	\$67,778	\$0	\$67,778	***Extension
Clark County	Brickie Creek/Lucia Falls Road	\$24,746	\$0	\$24,746	***Extension
Clark County	Lockwood Creek/Taylor Valley Road	\$30,644	\$0	\$30,644	***Extension
Clark County	Dean Creek/NE 66th Place	\$53,334	\$0	\$0	** Grant Returned
Clark County	Winkler Creek/NE Borin Road	\$23,556	\$0	\$23,556	***Extension
Clark County	Coyote Creek/Washougal River	\$21,445	\$0	\$21,445	***Extension
Clark County Conservation District	Survey-WRIA 27	\$55,308	\$47,722	\$7,586	In progress
Colville Confederated Tribes	Camp Seven Creek	\$23,988	\$23,988	\$0	Complete
Cowlitz Conservation District	Survey-WRIA 25,26,27	\$87,250	\$0	\$87,250	In progress
Cowlitz Conservation District	Monahan Creek	\$200,000	\$0	\$200,000	***Extension
Grays Harbor County Conservation District	Survey-WRIA 22	\$118,924	\$106,879	\$12,045	In progress
Island County	Glendale Creek	\$18,900	\$0	\$18,900	***Extension
Jefferson County	Hoh River Tributary	\$270,000	\$270,000	\$0	Complete
Jefferson County	Barnhouse Creek	\$118,380	\$0	\$118,380	In progress
Jefferson County	E. Fork Tarboo Creek #2	\$6,000	\$0	\$6,000	Complete
Jefferson County	East Fork Tarboo Creek	\$16,500	\$0	\$16,500	Complete
King Co.	Evans Creek	\$60,500	\$44,726	\$15,774	Complete
Kitsap County	Little Bear Creek	\$92,025	\$32,327	\$59,698	Complete
Kitsap County	Big Scandia Creek/NW Scandia Road	\$132,195	\$0	\$132,195	Complete
Kitsap County	Big Scandia Creek Fishway/Viking Way NW	\$62,250	\$0	\$62,250	***Extension
Klickitat County	Turkey Ranch Road	\$60,000	\$53,261	\$6,739	Complete
Klickitat County	Soda Springs Road	\$52,500	\$36,229	\$16,271	Complete
Lewis County	Survey-WRIA 11,13,23,26	\$183,607	\$0	\$183,607	In progress
Lewis County	Spencer Road/Jones Creek	\$146,711	\$117,105	\$29,606	Complete
Lewis County	Toledo-Salmon Creek Rd/Little Salmon Creek	\$104,364	\$80,510	\$23,854	Complete
Lewis County	Lost Valley Road/Lost Creek	\$238,703	\$98,349	\$140,354	Complete
Mason County	White Creek Crossing	\$75,000	\$64,278	\$10,722	Complete
Mason County Conservation District	Huson Creek	\$66,589	\$51,361	\$15,228	Complete
Mason County Conservation District	Little Tahuya Creek	\$90,000	\$90,000	\$0	Complete
Mason County Conservation District	Ludvick Lake	\$59,570	\$56,557	\$3,013	Complete

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Mason County Conservation District	Oak Lake Creek	\$98,308	\$98,226	\$82	Complete
Pierce County	East Fork Rocky Creek Bridge	\$40,000	\$39,625	\$375	Complete
Pierce County Conservation District	Survey-WRIA 10	\$129,715	\$116,462	\$13,253	In progress
Skagit County	Lornezan Creek	\$20,000	\$0	\$20,000	Complete
Skagit County	Parsons Creek	\$30,000	\$0	\$30,000	Complete
Skagit Systems Cooperative	Survey-WRIA 3,4	\$45,244	\$25,466	\$19,778	In progress
Snohomish County	Trib 30/229th St. NW	\$54,150	\$51,806	\$2,344	Complete
South Puget Sound Salmon Enhancement	Deschutes River "Oxbow"	\$50,000	\$50,000	\$0	Complete
Thurston County	#3161 Vantine Road SE	\$1,500	\$0	\$1,500	Complete
Thurston County	#1296 Houston Drive	\$5,250	\$0	\$5,250	Complete
Walla Walla County Conservation District	Walla Walla River	\$46,500	\$0	\$46,500	***Extension
Washington Department of Natural Resources	Outlet Creek	\$50,288	\$44,561	\$5,727	Complete
Washington Trout	FS9819-WRIA 7	\$44,850	\$21,389	\$23,461	In progress
Washington Trout	FS9820-WRIA 7	\$72,051	\$56,468	\$15,583	In progress
	TOTALS	\$3,504,100	\$1,836,060	\$1,614,706	
* Grant Returned-WDFW Biologists determined that these culverts were fish passable.					
** Grant Returned-Clark Co. discovered they did not own this barrier.					
*** Sponsors have requested an Extension of the May 30, 2000 completion date for eleven projects.					
WSDOT & WDFW are currently examining their requests.					